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POLYGRAPHIC

PATENT

Specification Amendments:

Please amend the specification as indicated:

Please replace the Copending section on pages 1 and 2 of the Specification with the following:

Copending Applications

A copending application exists having serial number XX/XXX,XXXU.S. App. No. 09/490,350, entitled "Method And System For Receiving And Framing Packetized Elementary Stream Data", having at least one inventor in common, and the same filing date of January 24, 2000 as the present application.

A copending application exists having serial number XX/XXX,XXXU.S. App. No. 09/489,682, entitled "Method And System For Accessing Packetized Elementary Stream Data", having at least one inventor in common, and the same filing date of January 24, 2000 as the present application.

A copending application exists having serial number XX/XXX,XXXU.S. App. No. 09/491,121, entitled "Method And System For Handling Data", having at least one inventor in common, and the same filing date of January 24, 2000 as the present application.

A copending application exists having serial number XX/XXX,XXXU.S. App. No. 09/491,120, entitled "Method And Apparatus For Accessing Transport Stream Data", having at least one inventor in common, and the same filing date of January 24, 2000 as the present application.

A copending application exists having serial number XX/XXX,XXXU.S. App. No. 09/491,122 entitled "Method and Apparatus for Handling Private Data From Transport Stream Packets", having at least one inventor in, and the same filing date of January 24,

2000as the present application.

A copending application exists having serial number XX/XXX,XXXU.S. App. No. 09/490,207, entitled "Method and System for Retrieving Adaptation Field Data Associated with a Transport Packet", having at least one inventor in common, and the same filing date of January 24, 2000 as the present application.

A copending application exists having serial number XX/XXX,XXXU.S. App. No. 09/489,681, entitled "Method for Displaying Data", having at least one inventor in common, and the same filing date of January 24, 2000 as the present application.

A copending application exists having serial number XX/XXX,XXXU.S. App. No. 09/491,124, entitled "System For Simulating The Parsing Of A Transport Data Stream", having at least one inventor in common, and the same filing date of January 24, 2000 as the present application.

A!
Please replace the second full paragraph on page 11 of the Specification with the following:

A2
When it is determined to save the packet, the TPP 420 asserts the signal labeled EN_TPPTPP DEN which is received by the Buffer Controller 460. Based upon this enable signal, the Buffer controller 460 retrieves the packet data and stores it in a predefined memory location.

Please replace the fourth full paragraph on page 11 of the Specification with the following:

A3
When it is determined to further process the packet by one of the other parsers 450 or 430, the TPP 420 asserts one of their respective enable signals. For example, if it is determined that the packet contains video data, the TPP 420 will assert the signal labeled PESP ENEN PESP, likewise, if it is determined that the packet contains

adaptation field data, the TPP 420 will assert the signal labeled AFP EN. Based upon these signal being active, the respective parser will further process the packed data.

A³

Please replace the last paragraph on page 11, continuing on page 12 of the Specification with the following:

When it is determined to save the video payload, the PESP 420-430 asserts the signal labeled ENJPESP-PESP DEN which is received by the Buffer Controller 460. Based upon this enable signal, the Buffer controller 460 retrieves the packet data and stores it in a predefined location of video memory.

Please replace the fourth full paragraph on page 12 of the Specification with the following:

A 4

The registers 780 are analogous to registers described with reference to Figure 75.

Please replace the last paragraph on page 36, continuing on page 37 of the Specification with the following:

A,5

Figure 27 illustrates a method in accordance with the present invention describing the operation of the system HBI controller 463 of Figure 26. The flow is also applicable to the video HBI controller 463483. At step 801, a determination is made whether there is data stored in the FIFO 462. If not, flow remains at step 801 until data is present, otherwise, the flow proceeds to step 810. At step 810, the buffer to which the data is to be stored is identified. The destination buffer is identified when matching and crossing the PID number, or identifier, to the buffer number in the transport demultiplexer register 465. The buffer can be identified by accessing the allocation table, or by receiving a buffer index from the transport parser or other portion of the transport core.